

May 1, 1997

Mr. Mike Stansfield  
Missouri Department of Natural Resources  
P.O. Box 176  
Jefferson City, Missouri, 63102

Dear Mr. Stansfield:

McDonnell Douglas Corporation is herein submitting the Title V Operating Permit Application for its St. Charles facilities. The information presented in this application represents McDonnell Douglas' Operations in Tract V. McDonnell Douglas is pleased to offer any assistance to you during your review of this application, and we look forward to working with you in preparing the upcoming draft permit. If you have any questions, please feel free to call me at (314) 232-4799.

Sincerely,

Yvonne Pierce  
Group Manager, Environmental and Hazardous Materials Services  
McDonnell Douglas Corporation

NOV 23 1997  
ATLANTA FIELD OFFICE  
(APCO)

**ADDENDUM**  
**(to cover letter)**

**Aerospace NESHAP Initial Notification**  
County No. 4160 Plant No. 0010

As provided for in 40 CFR 63.753(a)(2), this Part 70 permit application is being submitted to meet the Initial Notification requirements for an existing source subject to the Aerospace NESHAP. On 22 December 1995, McDonnell Douglas submitted an initial notification to EPA Region VII, with a copy to Missouri DNR, but shortly thereafter, EPA amended the Aerospace NESHAP to set a later initial notification deadline of 1 September 1997. The elements of the initial notification [40 CFR 63.9(b)(2)] and their references within this permit application are described below:

- i. Name and address of the owner or operator:  
Form OP-A01.
- ii. The physical location of the affected source:  
Form OP-A01.
- iii. An identification of the relevant standard, or other requirement, that is the basis of the notification and the source's compliance date:  
Aerospace Manufacturing and Rework Facilities NESHAP.  
40 CFR 63 Subpart GG  
Effective date: 1 September 1995.  
Compliance Date for Existing Sources: 1 September 1998.
- iv. A brief description of the nature, size, design, and method of operation of the source, including its operating design capacity and an identification of each point of emission for each hazardous air pollutant, or if a definitive identification is not yet possible, a preliminary identification of each point of emission for each hazardous air pollutant:  
Emission units are described in Forms OP-D04 with the Aerospace NESHAP as an applicable requirement.
- v. A statement of whether the affected source is a major source or area source:  
Major NESHAP source per 40 CFR 63.2.

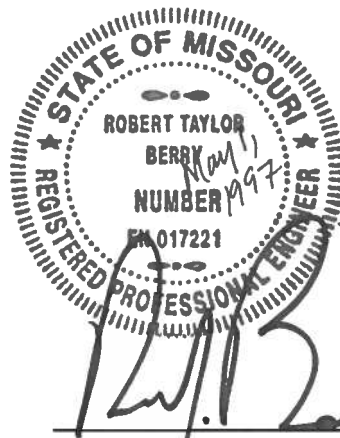
## TITLE V OPERATING PERMIT APPLICATION

McDonnell Douglas Corporation  
St. Charles, Missouri

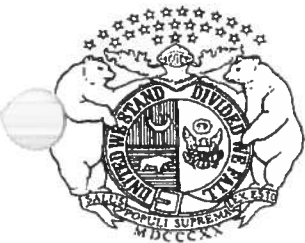
### APPLICATION INDEX

<u>Section</u>	<u>Section Title</u>
A	Forms OP-A01, OP-A02, OP-A03, and OP-F01
B	Emission Inventory Questionnaire
C	Forms OP-C01, OP-C02, and OP-C03
D	Forms OP-D01, OP-D02, OP-D03, OP-D04, and OP-D05
E	Forms OP-E01 and OP-E02
F	Form OP-F02

### CERTIFICATION



Dr. Robert T. Berry, P.E.  
License No. EN-017221: Missouri



State of Missouri  
Department of Natural Resources  
Air Pollution Control Program  
P.O. Box 176  
Jefferson City, MO 65102

RECEIVED  
ST PM 12 PM 12 17

AIR POLLUTION  
CONTROL PROGRAM

OFFICE USE ONLY	
FILING FEE	
CHECK NO. 208037	CHECK RECEIVED 5/12/97
CHECK AMOUNT \$ 100.00	CHECK DATE 4/30/97
PROJECT NUMBER	

FORM OP - A01

APPLICATION FOR AUTHORITY TO OPERATE

All applications MUST be in duplicate and accompanied by a single \$100 filing fee

Section A - General Application Information

1 Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
Facility Street Address 2600 North Third Street				County Name St. Charles
City St. Charles	State MO	Mail (ZIP) Code 63301	Facility Phone No. ( 314 ) 232-4799	
Facility Mailing Address P.O. Box 516, MC S-1111099			Facility Fax No. ( 314 ) 234-7177	
City St. Louis	State MO	Mail (ZIP) Code 63166	Mo. Senatorial District No. 23	
Facility Contact Person Yvonne Pierce			Mo. Representative District No. 17	
Contact Person Title Group Manager, Environmental and Hazardous Materials Services		1/4	1/4	Section 20
			Township 47N	Range 5E
2 Parent Company Name McDonnell Douglas Corporation		Contact Person Yvonne Pierce	Phone No. ( 314 ) 232-4799	
Mailing Address P.O. Box 516, MC S-1111099		City St. Louis	State MO	Mail (ZIP) Code 63166
Type of Application (Check one box each for 3 and 4)				
3 <input checked="" type="checkbox"/> Part 70 (Major) <input type="checkbox"/> Intermediate State <input type="checkbox"/> Basic State				
4 <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Renewal (Current Permit No. _____) <input type="checkbox"/> Minor Permit Modification				
<input type="checkbox"/> De minimis Modification <input type="checkbox"/> Significant Permit Modification <input type="checkbox"/> Administrative Amendment				
5 Applicant's Certification Statement "I certify, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate and complete."				
Signature of Responsible Official of Company <i>John J. Van Gels</i>				Date 5-5-97
Type or Print Name of Signer John J. Van Gels				
Official Title of Signer Vice President/General Manager, Production Operations and General Services				Telephone ( 314 ) 233-4000

### **Permit Shield Request**

Per 10 CSR 10-6.065 (6)(C)6., McDonnell Douglas Corporation is hereby requesting, as part of this application, a permit shield for all applicable requirements. Compliance with the conditions of the permit shall be deemed compliance with all applicable requirements as of the date the permit is issued.

Facility Name McDonnell Douglas Corporation	County No. 4160	Plant No. 0010	Year Submitted 1997
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**Section A - Continued**

List all the facility's principal product and processes

<b>6</b>	<b>Principal Product</b>	<b>Two-Digit SIC Code</b>
	Guided Missiles and Space Vehicles	37
<b>7</b>	<b>Processes</b>	
	Aircraft Manufacturing	37

**8 Are Alternative Operating Scenarios for any Emission Unit Included with this Application?**Yes ☒ No ☐ (If Yes, you MUST complete Section D.2 of FORM OP - D03 of this Application)**9 Has this facility submitted an Emission Inventory Questionnaire (EIQ)?**Yes ☒ No ☐ If Yes, date of most recent EIQ: March 24, 1997

If No, submit two copies of a completed EIQ with this application and complete the following section.

**Emission Inventory - (Section B) Indicate the number of each form submitted with application.**

N.A.	1.1	PROCESS FLOW DIAGRAM	N.A.	2.4	PETROLEUM LOADING WORKSHEET
N.A.	1.2	SUMMARY OF EMISSION POINTS	N.A.	2.5	ORGANIC LIQUID STORAGE-FIXED ROOF
N.A.	2.0	EMISSION POINT INFORMATION	N.A.	2.5L	GENERAL LIQUID STORAGE TANK
N.A.	2.0C	CONTROL DEVICE INFORMATION	N.A.	2.6	ORGANIC LIQUID STORAGE-FLOATING ROOF TANK
N.A.	2.0P	PORTABLE PLANT INFORMATION	N.A.	2.7	HAUL ROAD FUGITIVE EMISSIONS WORKSHEET
N.A.	2.0S	STACK INFORMATION	N.A.	2.8	STORAGE PILE WORKSHEET
N.A.	2.0Z	OZONE SEASON INFORMATION	N.A.	2.9	STACK TEST/CONTINUOUS EMISSION MONITORING WORKSHEET
N.A.	2.1	FUEL COMBUSTION WORKSHEET	N.A.	2.T	HAZARDOUS AIR POLLUTANT WORKSHEET
N.A.	2.2	INCINERATOR WORKSHEET			
N.A.	2.3	VOC PROCESS MASS-BALANCE WORKSHEET			

**10 Indicate the Number and Type of each form attached as part of this application****Insignificant Activities - (Section C)**

1	OP-C01	INSIGNIFICANT ACTIVITIES NOT REQUIRED TO BE LISTED	6	OP-C03	LIST OF INSIGNIFICANT ACTIVITIES
1	OP-C02	INSIGNIFICANT ACTIVITIES REQUIRED TO BE LISTED			

**Emission Unit Information - (Section D)**

1	OP-D01	EXISTING PLANT- WIDE PERMIT CONDITIONS	35	OP-D04	APPLICABLE REQUIREMENTS
1	OP-D02	PROPOSED PLANT-WIDE PERMIT CONDITIONS	40	OP-D05	COMPLIANCE DETERMINATION
2	OP-D03	EMISSION UNIT INFORMATION			

**Compliance Plan, Status and Certification - (Section E)**

1	OP-E01	COMPLIANCE PLAN/STATUS	1	OP-E02	COMPLIANCE CERTIFICATION STATEMENT
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**General Comments and Completeness Checklist - (Section F)**

3	OP-F01	GENERAL COMMENTS	1	OP-F02	COMPLETENESS CHECKLIST
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Facility Name McDonnell Douglas Corporation	County No. 4160	Plant No. 0010	Year Submitted 1997
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Department of Natural Resources, Division 10 - Air Conservation Commission

Applicability

Yes	No	Reason
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_____	<u>✓</u>	<u>J</u>
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## Chapter 1: Organization

TITLE

10 CSR 10-1.010 Organization<sup>8</sup>--see legend in the instructions  
 State enforceable version reference date: 4/2/87  
 Federally enforceable version reference date: 7/21/83

_____	<u>✓</u>	<u>D</u>
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## Chapter 2: Air Quality Standards and Air Pollution Control Rules Specific to the Kansas City Metropolitan Area

TITLE

10 CSR 10-2.030 Restriction of Emission of Particulate Matter from Industrial Processes<sup>1</sup>  
 State enforceable version reference date: 10/13/83  
 Federally enforceable version reference date: 10/5/89

10 CSR 10-2.040 Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating<sup>1</sup>  
 State enforceable version reference date: 3/14/84  
 Federally enforceable version reference date: 1/24/85

10 CSR 10-2.060 Restriction of Emission of Visible Air Contaminants<sup>9</sup>  
 State enforceable version reference date: 7/16/79  
 Federally enforceable version reference date: 3/18/80

10 CSR 10-2.070 Restriction of Emission of Odors<sup>10</sup>  
 State enforceable version reference date: 8/15/83  
 Federally enforceable version reference date: State Only Rule

10 CSR 10-2.080 Emission of Visible Air Contaminants From Internal Combustion Engines<sup>9</sup>  
 State enforceable version reference date: 12/26/68  
 Federally enforceable version reference date: 3/18/80

10 CSR 10-2.100 Open Burning Restrictions<sup>8</sup>  
 State enforceable version reference date: 11/9/83  
 Federally enforceable version reference date: 8/31/84

10 CSR 10-2.150 Time Schedule for Compliance<sup>8</sup>  
 State enforceable version reference date: 3/26/70  
 Federally enforceable version reference date: 3/18/80

10 CSR 10-2.160 Restrictions of Emission of Sulfur Compounds<sup>2</sup>  
 State enforceable version reference date: 10/14/77  
 Federally enforceable version reference date: 3/18/80

10 CSR 10-2.200 Restriction of Emission of Sulfur Compounds From Indirect Heating Sources<sup>2</sup>  
 State enforceable version reference date: 10/14/77  
 Federally enforceable version reference date: 3/18/80

10 CSR 10-2.210 Control of Emissions From Solvent Metal Cleaning<sup>4</sup>  
 State enforceable version reference date: 7/1/87  
 Federally enforceable version reference date: 3/13/89

10 CSR 10-2.220 Liquefied Cutback Asphalt Paving Restricted<sup>4</sup>  
 State enforceable version reference date: 1/3/91  
 Federally enforceable version reference date: 7/1/80

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
<b>Applicability</b>				
<u>Yes</u>	<u>No</u>	<u>Reason</u>		
_____	_____	_____	10 CSR 10-2.230	Control of Emissions From Industrial Surface Coating Operations <sup>4</sup> State enforceable version reference date: <u>8/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>
_____	_____	_____	10 CSR 10-2.260	Control of Petroleum Liquid Storage, Loading and Transfer <sup>1</sup> State enforceable version reference date: <u>11/27/89</u> Federally enforceable version reference date: <u>2/12/91</u>
_____	_____	_____	10 CSR 10-2.280	Control of Emissions From Perchloroethylene Dry Cleaning Installations <sup>4</sup> State enforceable version reference date: <u>11/10/81</u> Federally enforceable version reference date: <u>8/30/82</u>
_____	_____	_____	10 CSR 10-2.290	Control of Emissions From Rotogravure and Flexographic Printing Facilities <sup>4</sup> State enforceable version reference date: <u>7/15/91</u> Federally enforceable version reference date: <u>3/5/90</u>
_____	_____	_____	10 CSR 10-2.300	Control of Emissions From the Manufacturing of Paints, Varnishes, Lacquers, Enamels and Other Allied Surface Coating Products <sup>4</sup> State enforceable version reference date: <u>8/4/87</u> Federally enforceable version reference date: <u>3/13/89</u>
_____	_____	_____	10 CSR 10-2.310	Control of Emissions From the Application of Automotive Underbody Deadeners <sup>4</sup> State enforceable version reference date: <u>7/1/87</u> Federally enforceable version reference date: <u>3/13/89</u>
_____	_____	_____	10 CSR 10-2.320	Control of Emissions From Production of Pesticides and Herbicides <sup>4</sup> State enforceable version reference date: <u>7/1/87</u> Federally enforceable version reference date: <u>3/13/89</u>
_____	_____	_____	10 CSR 10-2.330	Control of Gasoline Reid Vapor Pressure <sup>4</sup> State enforceable version reference date: <u>1/3/91</u> Federally enforceable version reference date: _____
_____	_____	_____	10 CSR 10-2.340	Control of Emissions From Lithographic Printing Facilities <sup>4</sup> State enforceable version reference date: <u>6/4/91</u> Federally enforceable version reference date: _____
_____	_____	_____	10 CSR 10-2.390	Conformity to State Implementation Plans of Transportation Plans, Programs, and Projects Developed, Funded or Approved Under Title 23 U.S.C. or the Federal Transit Act <sup>3,4,5</sup> State enforceable version reference date: <u>10/4/94</u> Federally enforceable version reference date: <u>NA</u>



Facility Name McDonnell Douglas Corporation			County No. 4160	Plant No. 0010	Year Submitted 1997
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Applicability			
Yes	No	Reason	
	✓	D	Kansas City Health Department, Air Quality Section Chapter 8, Air Quality (Local Agency Rules Only)
			Section 8-1 Title of Chapter
			Section 8-2 Definitions
			Section 8-3 Administration and Enforcement of Chapter
			Section 8-4 Open Burning Restrictions
			Section 8-5 Restriction of Particulate Matter
			Section 8-6 Emission of Sulfur Compounds
			Section 8-7 Emission of Odors
			Section 8-8 Emission of Volatile Organic Compounds
			Section 8-9 Emission of Hazardous Air Pollutants
			Section 8-10 Review of New Sources and Modifications; Permit for Construction or Major Modification
			Section 8-11 Permit to Operate; Notification and Recordkeeping
			Section 8-12 Air Quality Control Board
			Section 8-13 Confidentiality of Records
			Section 8-14 Dilution of Emission
			Section 8-15 Emissions Resulting From Uncontrollable Force or Malfunctions
			Section 8-16 Actionable Rights; Violations Declared Public Nuisance
			Section 8-17 Emergency Condition
			Section 8-18 Control of Emissions During Periods of High Air Pollution Potential
			Section 8-19 Penalty for Violation of Chapter
			Section 8-20 Fees
Local Agency Rules - Federally Enforceable (SIP)			
			Section 18.85 Open Burning Restrictions
			Section 18.91 Incinerators

Facility Name  
McDonnell Douglas Corporation

County No.  
4160

Plant No.  
0010

Year Submitted  
1997

**Applicability**

**Yes**   **No**   **Reason**

\_\_\_\_\_ ☒ \_\_\_\_\_ D

**Chapter 3: Air Pollution Control Rules Specific to the Outstate Missouri Area****TITLE**

- |       |       |       |                 |  |
|-------|-------|-------|-----------------|--|
| _____ | _____ | _____ | 10 CSR 10-3.010 | Auto Exhaust Emission Controls <sup>9</sup><br>State enforceable version reference date: <u>8/16/77</u><br>Federally enforceable version reference date: <u>8/18/80</u>  |
| _____ | _____ | _____ | 10 CSR 10-3.030 | Open Burning Restrictions <sup>8</sup><br>State enforceable version reference date: <u>11/9/83</u><br>Federally enforceable version reference date: <u>8/31/84</u>   |
| _____ | _____ | _____ | 10 CSR 10-3.050 | Restriction of Emission of Particulate Matter From Industrial Processes <sup>1</sup><br>State enforceable version reference date: <u>10/11/83</u><br>Federally enforceable version reference date: <u>7/6/82</u>                                 |
| _____ | _____ | _____ | 10 CSR 10-3.060 | Maximum Allowable Emissions of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating <sup>1</sup><br>State enforceable version reference date: <u>3/14/84</u><br>Federally enforceable version reference date: <u>1/24/85</u> |
| _____ | _____ | _____ | 10 CSR 10-3.080 | Restriction of Emission of Visible Air Contaminants <sup>9</sup><br>State enforceable version reference date: <u>3/15/79</u><br>Federally enforceable version reference date: <u>5/22/81</u>   |
| _____ | _____ | _____ | 10 CSR 10-3.090 | Restriction of Emission of Odors <sup>10</sup><br>State enforceable version reference date: <u>8/15/83</u><br>Federally enforceable version reference date: <u>State Only Rule</u>   |
| _____ | _____ | _____ | 10 CSR 10-3.100 | Restriction of Emission of Sulfur Compounds <sup>2</sup><br>State enforceable version reference date: <u>7/1/86</u><br>Federally enforceable version reference date: <u>2/17/88</u>  |
| _____ | _____ | _____ | 10 CSR 10-3.150 | Restriction of Emissions of Sulfur Compounds From Indirect Heating Sources <sup>2</sup><br>State enforceable version reference date: <u>10/14/77</u><br>Federally enforceable version reference date: <u>3/18/80</u>                             |
| _____ | _____ | _____ | 10 CSR 10-3.160 | Restriction of Emission of Fluorides From Diammonium Phosphate Fertilizer Production <sup>7</sup><br>State enforceable version reference date: <u>2/27/78</u><br>Federally enforceable version reference date: <u>3/14/86</u>                    |

Facility Name McDonnell Douglas Corporation			County No. 4160	Plant No. 0010	Year Submitted 1997
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Applicability			
Yes	No	Reason	
	<input checked="" type="checkbox"/>	D	Chapter 4: Air Quality Standards and Air Pollution Control Regulations for the Springfield-Greene County Area
			<u>TITLE</u>
			10 CSR 10-4.030 Restriction of Emissions of Particulate Matter From Industrial Processes <sup>1</sup> State enforceable version reference date: <u>10/13/83</u> Federally enforceable version reference date: <u>5/22/81</u>
			10 CSR 10-4.040 Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating <sup>1</sup> State enforceable version reference date: <u>3/14/84</u> Federally enforceable version reference date: <u>1/24/85</u>
			10 CSR 10-4.060 Restriction of Emission of Visible Air Contaminants <sup>9</sup> State enforceable version reference date: <u>1/14/77</u> Federally enforceable version reference date: <u>3/18/80</u>
			10 CSR 10-4.070 Restriction of Emission of Odors <sup>10</sup> State enforceable version reference date: <u>8/15/83</u> Federally enforceable version reference date: <u>State Only Rule</u>
			10 CSR 10-4.090 Open Burning Restrictions <sup>10</sup> State enforceable version reference date: <u>11/9/83</u> Federally enforceable version reference date: <u>8/31/84</u>
			10 CSR 10-4.140 Time Schedule for Compliance <sup>8</sup> State enforceable version reference date: <u>12/5/69</u> Federally enforceable version reference date: <u>3/18/80</u>
			10 CSR 10-4.150 Restriction of Emissions of Sulfur Compounds <sup>2</sup> State enforceable version reference date: <u>10/14/77</u> Federally enforceable version reference date: <u>3/18/80</u>
			10 CSR 10-4.190 Restriction of Emission of Sulfur Compounds From Indirect Heating Sources <sup>2</sup> State enforceable version reference date: <u>10/14/77</u> Federally enforceable version reference date: <u>3/18/80</u>

Facility Name McDonnell Douglas Corporation		County No. 4160	Plant No. 0010	Year Submitted 1997
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Applicability		
Yes	No	Reason
	✓	D
Springfield-Greene County, Air Pollution Control Authority Chapter 2A - Air Pollution Control Standards (Local Agency Rules Only)		
		Article I In General
		Article II Administrative Organization
		Article III Approval of Planned Installations
		Article IV Restriction of Emission of Visible Air Contaminants from Equipment
		Article V Emission of Particulate Matter from Fuel Burning Equipment
		Article VI Restriction of Emission of Particulate Matter from Industrial Processes
		Article VII Stack Emission Test Method
		Article VIII Open Burning
		Section 2A-32 Emergency Issuance of Permits to Burn Vegetative Waste
		Article X Control of Odors in the Ambient Air
		Article XI Nuisances Because of Air Pollution
		Article XII Submission of Information
		Article XIII Variance Provisions
		Article XIV Sealing
		Article XV Hearing
		Article XVI Breakdown of Equipment
		Article XVII Circumvention
		Article XVIII Service of Orders or Notices
		Article XIX Enforcement of This Chapter
		Article XX Test Methods and Tables
Local Agency Rules - Federally Enforceable (SIP)		
		Article IX Incinerator

Facility Name McDonnell Douglas Corporation			County No. 4160	Plant No. 0010	Year Submitted 1997
<b>Applicability</b>					
<u>Yes</u>	<u>No</u>	<u>Reason</u>			
<u>✓</u>	<u>      </u>	<u>      </u>			
			<b>Chapter 5: Air Quality Standards and Air Pollution Control Rules Specific to the St. Louis Metropolitan Area</b>		
			<u>TITLE</u>		
<u>✓</u>	<u>      </u>	<u>      </u>	10 CSR 10-5.030	Maximum Allowable Emission of Particulate Matter From Fuel Burning Equipment Used for Indirect Heating <sup>1</sup> State enforceable version reference date: <u>3/14/84</u> Federally enforceable version reference date: <u>1/24/85</u>	
<u>      </u>	<u>✓</u>	<u>K</u>	10 CSR 10-5.040	Use of Fuel in Hand-Fired Equipment Prohibited <sup>8</sup> State enforceable version reference date: <u>3/14/67</u> Federally enforceable version reference date: <u>3/18/80</u>	
<u>✓</u>	<u>      </u>	<u>      </u>	10 CSR 10-5.050	Restriction of Emission of Particulate Matter From Industrial Processes <sup>1</sup> State enforceable version reference date: <u>10/13/83</u> Federally enforceable version reference date: <u>5/22/81</u>	
<u>✓</u>	<u>      </u>	<u>      </u>	10 CSR 10-5.070	Open Burning Restrictions <sup>8</sup> State enforceable version reference date: <u>6/30/94</u> Federally enforceable version reference date: <u>8/31/84</u>	
<u>✓</u>	<u>      </u>	<u>      </u>	10 CSR 10-5.090	Restriction of Emission of Visible Air Contaminants <sup>9</sup> State enforceable version reference date: <u>1/14/77</u> Federally enforceable version reference date: <u>4/9/80</u>	
<u>✓</u>	<u>      </u>	<u>      </u>	10 CSR 10-5.110	Restrictions of Emission of Sulfur Dioxide for Use of Fuel <sup>2</sup> State enforceable version reference date: <u>9/14/78</u> Federally enforceable version reference date: <u>3/18/80</u>	
<u>      </u>	<u>✓</u>	<u>K</u>	10 CSR 10-5.120	Information on Sales of Fuels to be Provided and Maintained <sup>8</sup> State enforceable version reference date: <u>3/14/67</u> Federally enforceable version reference date: <u>3/18/80</u>	
<u>      </u>	<u>✓</u>	<u>K</u>	10 CSR 10-5.130	Certain Coals to be Washed <sup>8</sup> State enforceable version reference date: <u>3/14/67</u> Federally enforceable version reference date: <u>3/18/80</u>	
<u>✓</u>	<u>      </u>	<u>      </u>	10 CSR 10-5.150	Emission of Certain Sulfur Compounds Restricted <sup>2</sup> State enforceable version reference date: <u>8/11/78</u> Federally enforceable version reference date: <u>3/14/86</u>	
<u>✓</u>	<u>      </u>	<u>      </u>	10 CSR 10-5.160	Control of Odors in the Ambient Air <sup>10</sup> State enforceable version reference date: <u>8/15/83</u> Federally enforceable version reference date: <u>State Only Rule</u>	
<u>      </u>	<u>✓</u>	<u>B</u>	10 CSR 10-5.170	Control of Odors From Processing of Animal Matter <sup>10</sup> State enforceable version reference date: <u>3/14/67</u> Federally enforceable version reference date: <u>State Only Rule</u>	
<u>✓</u>	<u>      </u>	<u>      </u>	10 CSR 10-5.180	Emission of Visible Air Contaminants From Internal Combustion Engine <sup>9</sup> State enforceable version reference date: <u>3/14/67</u> Federally enforceable version reference date: <u>3/18/80</u>	
<u>✓</u>	<u>      </u>	<u>      </u>	10 CSR 10-5.220	Control of Petroleum Liquid Storage, Loading and Transfer <sup>4</sup> State enforceable version reference date: <u>8/15/94</u> Federally enforceable version reference date: <u>2/12/91</u>	
<u>      </u>	<u>✓</u>	<u>D</u>	10 CSR 10-5.240	Additional Air Quality Control Measures May be Required When Sources Are Clustered in a Small Land Area <sup>1,2</sup> State enforceable version reference date: <u>3/14/67</u> Federally enforceable version reference date: <u>3/18/80</u>	

## FORM OP - A03 Continued

## Section A

Facility Name McDonnell Douglas Corporation			County No. 4160	Plant No. 0010	Year Submitted 1997
Applicability					
Yes	No	Reason			
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-5.250	Time Schedule for Compliance <sup>8</sup> State enforceable version reference date: <u>1/31/72</u> Federally enforceable version reference date: <u>3/18/80</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	D	10 CSR 10-5.290	More Restrictive Emission Limitations for Particulate Matter in the South St. Louis Area <sup>1</sup> State enforceable version reference date: <u>3/14/85</u> Federally enforceable version reference date: <u>8/30/82</u>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-5.300	Control of Emissions From Solvent Metal Cleaning <sup>4</sup> State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.310	Liquefied Cutback Asphalt Paving Restricted <sup>4</sup> State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.320	Control of Emissions From Perchloroethylene Dry Cleaning Installations <sup>4</sup> State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-5.330	Control of Emissions From Industrial Surface Coating Operations <sup>4</sup> State enforceable version reference date: <u>6/30/89</u> Federally enforceable version reference date: <u>11/2/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.340	Control of Emissions From Rotogravure and Flexographic Printing Facilities <sup>4</sup> State enforceable version reference date: <u>7/15/91</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.350	Control of Emissions From Manufacture of Synthesized Pharmaceutical Products <sup>4</sup> State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E	10 CSR 10-5.360	Control of Emissions From Polyethylene Bag Sealing Operations <sup>4</sup> State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E	10 CSR 10-5.370	Control of Emissions From the Application of Deadeners and Adhesives <sup>4</sup> State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	10 CSR 10-5.380	Motor Vehicle Emissions Inspection <sup>8</sup> State enforceable version reference date: <u>7/20/94</u> Federally enforceable version reference date: <u>8/12/85</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.390	Control of Emissions From Manufacturing of Paints, Varnishes, Lacquers, Enamels and Other Allied Surface Coating Products <sup>4</sup> State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.410	Control of Emissions From Manufacture of Polystyrene Resin <sup>4</sup> State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.420	Control of Equipment Leaks From Synthetic Organic Chemical and Polymer Manufacture Plants <sup>4</sup> State enforceable version reference date: <u>10/4/88</u> Federally enforceable version reference date: <u>3/5/90</u>	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-5.430	Control of Emissions From the Surface Coating of Chrome-Plated and Resist Plastic Parts ( <i>Applies only to Seigel-Robert Plating Company, Inc. located at 8645 South Broadway, St. Louis, Missouri.</i> ) State enforceable version reference date: <u>8/4/87</u> Federally enforceable version reference date: <u>State Only Rule</u>	

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Applicability

<u>Yes</u>	<u>No</u>	<u>Reason</u>	
<u>      </u>	<u>  ✓  </u>	<u>  B  </u>	10 CSR 10-5.440 Control of Emissions from Bakery Ovens <sup>4</sup> State enforceable version reference date: <u>10/7/94</u> Federally enforceable version reference date: <u>pending</u>
<u>      </u>	<u>  ✓  </u>	<u>  B  </u>	10 CSR 10-5.442 Control of Emissions from Lithographic Printing Operations <sup>4</sup> State enforceable version reference date: <u>10/7/94</u> Federally enforceable version reference date: <u>pending</u>
<u>  ✓  </u>	<u>      </u>	<u>      </u>	10 CSR 10-5.443 Control of Gasoline Reid Vapor Pressure <sup>4</sup> State enforceable version reference date: <u>10/7/94</u> Federally enforceable version reference date: <u>pending</u>
<u>  ✓  </u>	<u>      </u>	<u>      </u>	10 CSR 10-5.450 Control of VOC Emissions from Traffic Coatings <sup>4</sup> State enforceable version reference date: <u>10/7/94</u> Federally enforceable version reference date: <u>pending</u>
<u>      </u>	<u>  ✓  </u>	<u>  K  </u>	10 CSR 10-5.455 Control of Emission from Solvent Cleanup Operations <sup>4</sup> State enforceable version reference date: <u>10/7/94</u> Federally enforceable version reference date: <u>pending</u>
<u>      </u>	<u>  ✓  </u>	<u>  J  </u>	10 CSR 10-5.480 Conformity to State Implementation Plans of Transportation Plans, Programs, and Projects Developed, Funded, or Approved Under Title 23 U.S.C. or the Federal Transit Act <sup>3,4,5</sup> State enforceable version reference date: <u>10/4/94</u> Federally enforceable version reference date: <u>pending</u>

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Applicability			
Yes	No	Reason	
	✓	D	St. Louis County Department of Health, Air, Land & Water Branch, Air Pollution Control Section Chapter 612 - Air Pollution Control Code (Local Agency Rules Only)
			612.010 Short Title
			612.020 Scope
			612.030 Definitions
			612.040 Air Quality Standards and Air Pollution Control Regulations
			612.050 Division of Air Pollution Control Established
			612.060 Director of Air Pollution Control - Duties
			612.070 Appeal Board Establishment
			612.080 Duties of the Appeal Board
			612.090 Board of Consider Appeal
			612.100 Emergency Abatement of Violation - Procedure
			612.110 Permits Required
			612.120 Permits to be Visibly Affixed or Placed
			612.130 Permit to Sell or Rent
			612.140 Transfer
			612.150 Permit to Operate - When Required
			612.160 General Requirements for Applications for Authority to Construct and Operating Permits
			612.170 Information Required for Application for Permits
			612.180 Standards for Granting Permits
			612.190 Cancellation of Authority to Construct
			612.200 Testing Prior to Granting of Operating Permits
			612.210 Action on Application for Permits
			612.220 Suspension or Revocation of Permits
			612.230 Suspension or Revocation of Operating Permits or Authority to Construct, Board Hearing, Stay of Action
			612.240 Surrender of Permits
			612.250 Fees, When Payable, Exceptions
			612.260 Permit Fees; Schedules
			612.270 Permit Fees; Refund
			612.280 Testing by Order of the Board
			612.290 Right of Entry; Inspections, Samples



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Applicability

<u>Yes</u>	<u>No</u>	<u>Reason</u>		
_____	_____	_____	612.300	Variances
_____	_____	_____	612.310	Upset Conditions, Breakdown, or Scheduled Maintenance
_____	_____	_____	612.320	Service of Notice
_____	_____	_____	612.330	Reports of Division Technical Experts; Presumptive Evidence of Facts
_____	_____	_____	612.340	Air Pollution Nuisances Prohibited
_____	_____	_____	612.350	Disclosure of Secret Processes Prohibited
_____	_____	_____	612.360	Disclosure of Secret Processes. Penalty for
_____	_____	_____	612.370	False or Misleading Oral Statements; Unlawful Reproduction or Alteration of Documents
_____	_____	_____	612.380	Interfering with or Obstructing Division Personnel
_____	_____	_____	612.390	Penalties for Violation
_____	_____	_____	612.400	Construction

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Applicability			City of St. Louis, Div. of Air Pollution Control (Local Agency Rules Only)
Yes	No	Reason	
	<input checked="" type="checkbox"/>	D	
<b>Ordinance 50163</b>			
			Section 4 Division of Air Pollution Control Created
			Section 5 Continuation of Division of Smoke Regulation
			Section 6 Powers and Duties of Smoke Commissioner
			Section 7 Qualifications, Powers, and Duties
			Section 8 Appointment of Other Employees
			Section 9 Board of Air Pollution Control
			Section 10 Powers and Duties of the Board
			Section 11 Importation, Sale, Transport of Coals
			Section 12 Requirements as to Railroad Engines Locomotives
			Section 13 Emission of Dense Smoke Prohibited
			Section 14 Emission of Fly Ash and Other PM Regulated
			Section 15 When Emissions of Pollutants Become a Nuisance
			Section 16 Tests to Determine Quantity of Pollutants
			Section 17 Registration of Sources of Air Pollution
			Section 18 Permits for Fuel or Refuse Burning Equipment
			Section 19 Labels to be Affixed to Approved Installations
			Section 20 Dealers in Refuse or Fuel Burning Devices
			Section 21 Commissioner to Approve Plans and Issue Permits
			Section 22 Amended by 55293
			Section 23 Commissioner May Enter Premises
			Section 24 Sealing of Violating Equipment: Hearing Before Declaring a Nuisance
			Section 25 Public Hearing May Be Held
			Section 26 Appeals: Method of Taking
			Section 27 Penalty Clause
			Section 28 Separability Clause
<b>Ordinance 55293</b>			
			Section 1 Amendment of Section 22 of 50163 - Fees
<b>Ordinance 59270</b>			
			Section 1 Short Title
			Section 2 Repealer

Facility Name McDonnell Douglas Corporation			County No. 4160	Plant No. 0010	Year Submitted 1997
Applicability					
Yes	No	Reason			
			Section 3	Declaration of Policy	
			Section 4	Definitions	
			Section 5	Commissioner of Air Pollution Control qualifications	
			Section 6	Commissioner of Air Pollution Powers and Duties--	
			Section 7	Board of Air Pollution Appeals and Variance Review	
			Section 8	Maximum Allowable PM from Indirect Heating	
			Section 9	Use of Hand Fired Equipment Prohibited	
			Section 10	Amended by 60023	
			Section 11	Restriction of Emissions of PM from Existing Foundry Cupolas	
			Section 12	Open Burning Restrictions	
			Section 13	Incinerators	
			Section 14	Restriction of Emission of Visible Air Contaminants	
			Section 15	Preventing Air Contaminants from Becoming Air-borne	
			Section 16	Restriction of the Emission of SO <sub>2</sub> from Use of Fuel	
			Section 17	Importation, Sale, Transportation, Use of Certain Coals	
			Section 18	Information on Sales of Fuels to be Provided and Maintained	
			Section 19	Amended by 60023	
			Section 20	Control of Odors in the Ambient Air	
			Section 21	Control of Odors from Processing of Animal Matter	
			Section 22	Air Pollution Nuisance Prohibited	
			Section 23	Amended by 60023	
			Section 24	Liquefied Cutback Asphalt Paving Restricted	
			Section 25	Control of Emissions from Rotogravure and Flexographic Printing	
			Section 26	Amended by 60023	
			Section 27	Control of Emission from Pharmaceutical Manufacture	
			Section 28	Emissions from Solvent Metal Cleaning	
			Section 29	Control of Emissions from Perc Dry Cleaning	
			Section 30	Control of Emissions from Polyethylene Bag Sealing	
			Section 31	Amended by 60023	
			Section 32	Amended by 60023	
			Section 33	Emergency Procedures	
			Section 34	Rules for Controlling Emissions During Periods of High Air Pollution	
			Section 35	Location and Height of Discharge of Air Contaminants.	

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<b>Applicability</b>				
<u>Yes</u>	<u>No</u>	<u>Reason</u>		
_____	_____	_____	Section 36	Measurements of Emissions of Air Contaminants
_____	_____	_____	Section 37	Upset Conditions, Breakdown or Scheduled Maintenance
_____	_____	_____	Section 38	Variances
_____	_____	_____	Section 39	Permits and Inspection Fees
_____	_____	_____	Section 40	Rules Governing Sources in Non-Attainment Areas and PSD in Attainment Areas
_____	_____	_____	Section 41	Alternate Emission Limits
_____	_____	_____	Section 42	Enforcement
_____	_____	_____	Section 43	Right of Inspection and Disclosure of Production Data
_____	_____	_____	Section 44	Confidentiality of Records
_____	_____	_____	Section 45	Cooperation Required
_____	_____	_____	Section 46	Circumvention
_____	_____	_____	Section 47	Continuation
_____	_____	_____	Section 48	Penalty Clause
_____	_____	_____	Section 49	Severability
_____	_____	_____	Section 50	Emergency Clause
<b>Ordinance 60023</b>				
_____	_____	_____	Section 1	Amendment of Section 10 of Ordinance 59270 - Restriction of PM from Industrial Processes
_____	_____	_____	Section 2	Amendment of Section 19 of Ordinance 59270 -Control of Emissions from Coke Manufacturing
_____	_____	_____	Section 3	Amended by 60629
_____	_____	_____	Section 4	Amendment of Section 26 of Ordinance 59270 - Control of Emissions from Industrial Surface Coating Operations
_____	_____	_____	Section 5	Amended by 60629
_____	_____	_____	Section 6	Control of Emissions from Manufacture of Paints, Varnishes, Lacquers, Enamels and Other Allied Surface Coating Products
_____	_____	_____	Section 7	Control of Emissions from the Use of Deadeners and Adhesives
_____	_____	_____	Section 8	Control of Emissions from Manufacture of Polystyrene Products
_____	_____	_____	Section 9	Control of Emissions from Production of Maleic Anhydride
_____	_____	_____	Section 10	Continuation
_____	_____	_____	Section 11	Penalty Clause
_____	_____	_____	Section 12	Severability
<b>Ordinance 60629</b>				
_____	_____	_____	Section 1	Amendment of Section 3 of Ordinance 60023 - Control of Petroleum Liquid - Storage, Loading, and Transfer
_____	_____	_____	Section 2	Amendment of Section 5 of Ordinance 60023 - New Performance Standards Adopted

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**Applicability**

<u>Yes</u>	<u>No</u>	<u>Reason</u>
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 3	Amendment of Section 32 of Ordinance 59270 - National Emission Standards for Hazardous Air Pollutants Adopted
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 4	Restriction of Emissions Credit for Reduced Pollutant Concentrations from the Use of Dispersion Techniques
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 5	Control of Equipment Leaks from SOCMI and Polymer Manufacture Plants
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 6	Continuation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 7	Penalty Clause
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Section 8	Severability

**Local Agency Rules - Federally Enforceable (SIP)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ordinance 546999	Section 13	Refuse Burning Prohibited in Fuel Plant
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ordinance 546999	Section 14	Open Burning, Salvage, Trade Waste
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ordinance 546999	Section 15	Incinerator Requirements

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McDonnell Douglas CorporationCounty No.  
4160Plant No.  
0010Year Submitted  
1997

## Applicability

Yes No Reason

☒ ☐ ☐

## Chapter 6: Air Quality Standards, Definitions, Sampling and Reference Methods and Air Pollution Control Regulations for the Entire State of Missouri

## TITLE

☐ ☒ ☐ J10 CSR 10-6.010 Ambient Air Quality Standards<sup>1,2,3,5,6,7</sup>  
State enforceable version reference date: 4/28/88  
Federally enforceable version reference date: 7/31/89☐ ☒ ☐ J10 CSR 10-6.020 Definitions and Common Reference Tables<sup>8</sup>  
State enforceable version reference date: 12/15/94  
Federally enforceable version reference date: 6/23/92☐ ☒ ☐ J10 CSR 10-6.030 Sampling Methods for Air Pollution Sources<sup>8</sup>  
State enforceable version reference date: 9/3/91  
Federally enforceable version reference date: 3/13/89☐ ☒ ☐ J10 CSR 10-6.040 Reference Methods<sup>8</sup>  
State enforceable version reference date: 1/5/88  
Federally enforceable version reference date: 7/31/89☒ ☐ ☐10 CSR 10-6.050 Start-Up, Shutdown and Malfunction Conditions<sup>9</sup>  
State enforceable version reference date: 4/2/87  
Federally enforceable version reference date: NA☒ ☐ ☐10 CSR 10-6.060 Construction Permits Required<sup>9</sup>  
State enforceable version reference date: 12/15/94  
Federally enforceable version reference date: 3/5/91☒ ☐ ☐10 CSR 10-6.065 Operating Permits Required<sup>9</sup>  
State enforceable version reference date: 9/2/93  
Federally enforceable version reference date: pending☒ ☐ ☐10 CSR 10-6.070 New Sources Performance Regulations (See instructions; 40 CFR part 60)<sup>12</sup>  
State enforceable version reference date: 6/30/94  
Federally enforceable version reference date: FRR☒ ☐ ☐10 CSR 10-6.080 Emission Standards for Hazardous Air Pollutants (See instructions; 40 CFR part 61 or 63)<sup>11</sup>  
State enforceable version reference date: 6/30/94  
Federally enforceable version reference date: FRR☐ ☒ ☐ B10 CSR 10-6.090 Restriction of Emission of Fluorides From Primary Aluminum Reduction Installations<sup>7</sup>  
State enforceable version reference date: 3/11/81  
Federally enforceable version reference date: 3/14/86☐ ☒ ☐ K10 CSR 10-6.100 Alternate Emission Limits<sup>4</sup>  
State enforceable version reference date: 6/14/82  
Federally enforceable version reference date: State Only Rule☒ ☐ ☐10 CSR 10-6.110 Submission of Emission Data, Emission Fees and Process Information<sup>9</sup>  
State enforceable version reference date: 9/2/93  
Federally enforceable version reference date: 4/17/86☐ ☒ ☐ B10 CSR 10-6.120 Restriction of Emission of Lead From Primary Lead Smelter-Refinery Installations<sup>6</sup>  
State enforceable version reference date: 2/16/94  
Federally enforceable version reference date: 3/6/92☒ ☐ ☐10 CSR 10-6.130 Controlling Emissions During Episodes of High Air Pollution Potential<sup>9</sup>  
State enforceable version reference date: 1/5/88  
Federally enforceable version reference date: 7/31/89☐ ☒ ☐ J10 CSR 10-6.140 Restriction of Emissions Credit for Reduced Pollutant Concentrations From the Use of Dispersion Techniques<sup>8</sup>  
State enforceable version reference date: 1/6/86  
Federally enforceable version reference date: 3/31/89

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## Applicability

Yes	No	Reason	
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-6.150 Circumvention <sup>8</sup> State enforceable version reference date: 4/18/90 Federally enforceable version reference date: 4/17/91
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-6.170 Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin <sup>1</sup> State enforceable version reference date: 3/5/90 Federally enforceable version reference date: State Only Rule
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-6.180 Measurement of Emissions of Air Contaminants <sup>9</sup> State enforceable version reference date: 8/2/90 Federally enforceable version reference date: 7/23/91
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	10 CSR 10-6.210 Confidential Information <sup>8</sup> State enforceable version reference date: 9/2/93 Federally enforceable version reference date: NA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	10 CSR 10-6.230 Administrative Penalties <sup>8</sup> State enforceable version reference date: 9/11/92 Federally enforceable version reference date: NA
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-6.240 Asbestos Abatement Projects - Registration, Notification and Performance Requirements <sup>7</sup> State enforceable version reference date: 12/14/92 Federally enforceable version reference date: NA
<input checked="" type="checkbox"/>	<input type="checkbox"/>		10 CSR 10-6.250 Asbestos Abatement Projects - Certification, Accreditation and Business Exemption Requirements <sup>7</sup> State enforceable version reference date: 8/1/94 Federally enforceable version reference date: NA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	10 CSR 10-6.270 Acid Rain Source Permits Required <sup>2,3</sup> State enforceable version reference date: 6/2/94 Federally enforceable version reference date: FRR
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	10 CSR 10-6.280 Compliance Monitoring Usage <sup>9</sup> State enforceable version reference date: 6/2/94 Federally enforceable version reference date: NA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	10 CSR 10-6.300 Conformity of General Federal Actions to State Implementation Plans <sup>9</sup> State enforceable version reference date: 10/4/94 Federally enforceable version reference date: NA

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## New Source Performance Regulations - 10 CSR 10-6.070

Missouri adopts by reference the New Source Performance Standards (NSPS).

The actual NSPS can be found in 40 CFR Part 60.

## Applicability

Yes	No	Subpart	Description
<input type="checkbox"/>	<input checked="" type="checkbox"/>	D	Fossil-Fuel Fired Steam Generators
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Da	Electric Utility Steam Generating Units
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Db	Industrial-Commercial-Institutional Steam Generating Units
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dc	Small Industrial-Commercial-Institutional Steam Generating Units
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E	Incinerators
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ea	Municipal Waste Combustors
<input type="checkbox"/>	<input checked="" type="checkbox"/>	F	Portland Cement Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	G	Nitric Acid Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	H	Sulfuric Acid Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	I	Asphalt Concrete Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	Petroleum Refineries
<input type="checkbox"/>	<input checked="" type="checkbox"/>	K	Storage Vessels for Petroleum Liquids after June 11, 1973
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ka	Storage Vessels for Petroleum Liquids
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Kb	Volatile Organic Liquid Storage Vessels ( Including Petroleum Liquid Storage Vessels) after July 3, 1984
<input type="checkbox"/>	<input checked="" type="checkbox"/>	L	Secondary Lead Smelters
<input type="checkbox"/>	<input checked="" type="checkbox"/>	M	Secondary Brass and Bronze Production Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	N	Primary Emissions from Basic Oxygen Process Furnaces
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Na	Primary Emissions from Basic Oxygen Process Steelmaking Facilities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	O	Sewage Treatment Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	P	Primary Copper Smelters
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Q	Primary Zinc Smelters
<input type="checkbox"/>	<input checked="" type="checkbox"/>	R	Primary Lead Smelters
<input type="checkbox"/>	<input checked="" type="checkbox"/>	S	Primary Aluminum Reduction Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	T	Phosphate Fertilizer Industry; Wet-Process Phosphoric Acid Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	U	Phosphate Fertilizer Industry; Superphosphoric Acid Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	V	Phosphate Fertilizer Industry; Diammonium Phosphate Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	W	Phosphate Fertilizer Industry; Triple Superphosphate Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	X	Phosphate Fertilizer Industry; Granular Triple Superphosphate Storage Facilities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Y	Coal Preparation Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Z	Ferroalloy Production Facilities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AA	Steel Plants Electric Arc Furnaces
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Aaa	Steel Plants Electric Arc Furnaces and Argon-Oxygen Decarburization
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BB	Kraft Pulp Mills
<input type="checkbox"/>	<input checked="" type="checkbox"/>	CC	Glass Manufacturing Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	DD	Grain Elevators
<input type="checkbox"/>	<input checked="" type="checkbox"/>	EE	Surface Coating of Metal Furniture
<input type="checkbox"/>	<input checked="" type="checkbox"/>	GG	Stationary Gas Turbines
<input type="checkbox"/>	<input checked="" type="checkbox"/>	HH	Lime Manufacturing Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	KK	Lead-Acid Battery Manufacturing
<input type="checkbox"/>	<input checked="" type="checkbox"/>	LL	Metallic Mineral Processing Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MM	Automobile and Light-Duty Truck Surface Coating Operations
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NN	Phosphate Rock Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	PP	Ammonium Sulfate Manufacture
<input type="checkbox"/>	<input checked="" type="checkbox"/>	QQ	Graphic Arts Industry; Publication Rotogravure Printing
<input type="checkbox"/>	<input checked="" type="checkbox"/>	RR	Pressure Sensitive Tape and Label Surface Coating Operations
<input type="checkbox"/>	<input checked="" type="checkbox"/>	SS	Industrial Surface Coating Large Appliances
<input type="checkbox"/>	<input checked="" type="checkbox"/>	TT	Metal Coil Surface Coating
<input type="checkbox"/>	<input checked="" type="checkbox"/>	UU	Asphalt Processing and Asphalt Roofing Manufacture
<input type="checkbox"/>	<input checked="" type="checkbox"/>	VV	Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry
<input type="checkbox"/>	<input checked="" type="checkbox"/>	WW	Beverage Can Surface Coating Industry
<input type="checkbox"/>	<input checked="" type="checkbox"/>	XX	Bulk Gasoline Terminals
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AAA	New Residential Wood Heaters
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BBB	Rubber Tire Manufacturing Industry
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FFF	Flexible Vinyl and Urethane Coating and Printing
<input type="checkbox"/>	<input checked="" type="checkbox"/>	GGG	Equipment Leaks of VOC in Petroleum Refineries
<input type="checkbox"/>	<input checked="" type="checkbox"/>	HHH	Synthetic Fiber Production Facilities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	III	VOC Emissions from SOCM! Air Oxidation Unit Processes
<input type="checkbox"/>	<input checked="" type="checkbox"/>	JJJ	Petroleum Dry Cleaners



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## New Source Performance Regulations - 10 CSR 10-6.070

Missouri adopts by reference the New Source Performance Standards (NSPS).  
The actual NSPS can be found in 40 CFR Part 60.

Applicability

Yes      No

		Subpart	Description
___	✓	KKK	Equipment Leaks of VOC from Onshore Natural Gas Processing Plants
___	✓	LLL	Onshore Natural Gas Processing-SO <sub>2</sub> Emissions
___	✓	NNN	VOC Emissions from SOCM Distillation Operations
___	✓	OOO	Nonmetallic Mineral Processing Plants
___	✓	PPP	Wool Fiberglass Insulation Manufacturing Plants
___	✓	QQQ	VOC Emissions from Petroleum Refinery Wastewater Systems
___	✓	SSS	Magnetic Tape Coating Facilities
___	✓	TTT	Industrial Surface Coating Surface Coating of Plastic Parts for Business Machines
___	✓	UUU	Standards of Performance for Calciners and Dryers in Mineral Industries
___	✓	VVV	Polymeric Coating of Supporting Substrates Facilities

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Emission Standards for Hazardous Air Pollutants - 10 CSR 10-6.080  
Missouri adopts by reference the National Emission Standards for Hazardous Air Pollutants (NESHAP).  
The actual NESHAP can be found in 40 CFR Part 61 and 63.

Applicability

Yes	No	Subpart	Description
		Part 61	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	B	National Emission Standards for Radon Emissions From Underground Uranium Mines
<input type="checkbox"/>	<input checked="" type="checkbox"/>	C	National Emission Standard for Beryllium
<input type="checkbox"/>	<input checked="" type="checkbox"/>	D	National Emission Standard for Beryllium Rocket Motor Firing
<input type="checkbox"/>	<input checked="" type="checkbox"/>	E	National Emission Standard for Mercury
<input type="checkbox"/>	<input checked="" type="checkbox"/>	F	National Emission Standard for Vinyl Chloride
<input type="checkbox"/>	<input checked="" type="checkbox"/>	H	National Emission Standards for Emissions of Radionuclides Other Than Radon From Department of Energy Facilities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	I	National Emission Standards for Radionuclides Emissions From Facilities Licensed by the Nuclear Regulatory Commission and Federal Facilities Not Covered by Subpart H
<input type="checkbox"/>	<input checked="" type="checkbox"/>	J	National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene
<input type="checkbox"/>	<input checked="" type="checkbox"/>	K	National Emission Standards for Radionuclide Emissions From Elemental Phosphorus Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	L	National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants
<input checked="" type="checkbox"/>	<input type="checkbox"/>	M	National Emission Standard for Asbestos
<input type="checkbox"/>	<input checked="" type="checkbox"/>	N	National Emission Standard for Inorganic Arsenic Emissions from Glass Manufacturing Plants
<input type="checkbox"/>	<input checked="" type="checkbox"/>	O	National Emission Standard for Inorganic Arsenic Emissions from Primary Copper Smelters
<input type="checkbox"/>	<input checked="" type="checkbox"/>	P	National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Q	National Emission Standards for Radon Emissions from Department of Energy Facilities
<input type="checkbox"/>	<input checked="" type="checkbox"/>	R	National Emission Standards for Radon Emissions from Phosphogypsum Stacks
<input type="checkbox"/>	<input checked="" type="checkbox"/>	T	National Emission Standards for Radon Emissions from the Disposal of Uranium Mill Tailings
<input type="checkbox"/>	<input checked="" type="checkbox"/>	V	National Emission Standard for Equipment Leaks (Fugitive Emission Sources)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	W	National Emission Standards for Radon Emissions from Operating Mill Tailings
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Y	National Emission Standards for Benzene Emissions From Benzene Storage Vessels
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BB	National Emission Standard for Benzene Emissions From Benzene Transfer Operations
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FF	National Emission Standard for Benzene Waste Operations
		Part 63	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	F	National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry
<input type="checkbox"/>	<input checked="" type="checkbox"/>	G	National Emission Standards for Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater
<input type="checkbox"/>	<input checked="" type="checkbox"/>	H	National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks
<input type="checkbox"/>	<input checked="" type="checkbox"/>	I	National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks
<input type="checkbox"/>	<input checked="" type="checkbox"/>	L	National Emission Standards for Coke Oven Batteries
<input type="checkbox"/>	<input checked="" type="checkbox"/>	M	National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities

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Discarded State Regulations retained in SIPChapter 2

10 CSR 10-2.050 Preventing Particulate Matter from Becoming Airborne

10 CSR 10-2.090 Incinerators

Chapter 3

10 CSR 10-3.040 Incinerators

10 CSR 10-3.070 Restriction of Particulate Matter from Becoming Airborne

Chapter 4

10 CSR 10-4.050 Preventing Particulate Matter from Becoming Airborne

10 CSR 10-4.080 Incinerators

10 CSR 10-4.110 Measurement of Emissions of Air Contaminants

10 CSR 10-4.130 Circumvention

Chapter 5

10 CSR 10-5.060 Refuse not to be Burned in Fuel Burning Installations

10 CSR 10-5.080 Incinerators

10 CSR 10-5.100 Preventing Particulate Matter from Becoming Airborne

10 CSR 10-5.200 Measurement of Emissions of Air Contaminants (no longer in SIP as of 5 November 1992, 57FR52723)

Chapter 6

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Additional rules applicable to McDonnell Douglas which are not listed in Missouri's Form OP-A03.

1. 40 CFR Part 63: National Emission Standards for Hazardous Air Pollutants  
Subpart T - National Emissions Standards for Halogenated Solvent Cleaning  
Subpart GG - National Emissions Standards for Aerospace Manufacturing and Rework Facilities
2. 40 CFR Part 82: Protection of Stratospheric Ozone
3. 10 CSR 10-6.075 Maximum Achievable Control Technology Regulations
4. 10 CSR 10-6.260 Restrictions of Emission of Sulfur Compounds

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**Non-Applicable Rules with Reason "K" (From Form OP-A03)****Ch 5: Air Quality Standards and Air Pollution Control Rules Specific to the St. Louis Metropolitan Area:****10 CSR 10-5.040 Use of Fuel in Hand-Fired Equipment Prohibited**

Not applicable. McDonnell Douglas has no hand-fired equipment subject to this rule on its premises.

**10 CSR 10-5.120 Information on Sales of Fuels to be Provided and Maintained**

Not applicable. McDonnell Douglas Corporation does not burn residual fuel oil or coal at its St. Charles facilities.

**10 CSR 10-5.130 Certain Coals to be Washed**

Not applicable. McDonnell Douglas Corporation does not burn coal at its St. Charles facilities.

**10 CSR 10-5.455 Control of Emission from Solvent Cleanup Operations**

Not applicable. Covered solvent cleanup operations in Tract V emit less than 500 lbs VOCs per day. (Cleaning activities that are subject to the Aerospace NESHAP are not subject to the provisions of this rule.)

**Chapter 6: Air Quality Standards, Definitions,.....and Air Pollution Control Regulations for the Entire State of Missouri****10 CSR 10-6.100 Alternate Emission Limits**

Not applicable. McDonnell Douglas has not proposed alternate emission limits for any activities (in Tract V) in order to meet the VOC limits specified in the state or local rules.

**40 CFR Part 60****New Source Performance Standards (NSPS)****Subpart Dc**

Not applicable. The boilers (10-100MMBtu/hr) in Tract V have not been modified, constructed, or reconstructed after 06/09/89.

**Subpart K and Ka:**

Not applicable. There are no "petroleum liquid" storage tanks with capacities greater than 40,000 gallons in Tract V. (Fuel oil nos. 2 through 6 and diesel fuel nos. 2-D and 4-D are exempt from the definition of "petroleum liquid".)

**40 CFR Part 61****National Emission Standards for Hazardous Air Pollutants (NESHAP)****40 CFR Part 61, Subpart I**

Not applicable. This regulation has recently been rescinded by EPA.

**40 CFR Part 68****Accidental Release Prevention Program**

Not applicable. McDonnell Douglas has no processes in Tract V using hazardous chemicals which exceed the thresholds defined in the "List Rule." However, in the future, for processes that exceed the threshold for the chemicals on the "List Rule", McDonnell Douglas will comply with the requirements of 40 CFR Part 68.

**THE 1996 EMISSION INVENTORY QUESTIONNAIRE WAS  
SUBMITTED TO MISSOURI DEPARTMENT OF NATURAL  
RESOURCES ON MARCH 24, 1997.**

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Informational Purposes Only  
The Agency considers the following activities as trivial or that have negligible emissions.

Check the appropriate box to indicate the presence or absence of any of the listed trivial activities at the facility. No further information is required elsewhere in the permit application regarding these activities.

1. Combustion emissions from the propulsion of mobile sources, except for vessel emissions from outer continental shelf (OCS) sources.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
2. Air-conditioning units used for human comfort that do not use a class I or class II ozone depleting substance and do not exhaust air pollutants into the ambient air from any manufacturing or other industrial process.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
3. Ventilating units used for human comfort that do not exhaust air pollutants into the ambient air from any manufacturing or other industrial process.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
4. Noncommercial food preparation or restaurants and other retail establishments for the purpose of preparing food for employee and guest consumption.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
5. Consumer use of office equipment and products, not including printers or businesses primarily involved in photographic reproduction. This exemption is for office equipment that is <u>NOT</u> part of the industrial process of the facility (e.g., white out use and photocopies at a non-photocopy business).	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
6. Janitorial services and consumer use of janitorial products.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
7. Internal combustion engines used for landscaping and other agricultural purposes.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
8. Laundry activities, except for dry-cleaning and steam boilers.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
9. Bathroom/toilet vent emissions.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
10. Emergency (backup) electrical generators at residential locations.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
11. Tobacco smoking rooms and areas.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
12. Blacksmith forges.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
13. Plant maintenance and upkeep activities (e.g., grounds keeping, general repairs, cleaning, painting, welding, plumbing, re-tarring roofs, installing insulation, and paving parking lots) provided these activities are not conducted as part of a manufacturing process, are not related to the source's primary business activity, and are not otherwise triggering a permit modification.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
14. Repair or maintenance shop activities not related to the source's primary business activity, not including emissions from surface coating or de-greasing (solvent metal cleaning) activities, and are not otherwise triggering a permit modification.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
15. Portable electrical generators which can be moved by hand (i.e., that can be moved without the assistance of any motorized or non motorized vehicle, conveyance or device.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
16. Air compressors and pneumatically operated equipment. Including hand tools.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
17. Batteries and battery charging stations.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
18. Storage tanks, vessels, and containers holding or storing liquid substances that will not emit any VOC or HAP.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
19. Storage tanks, reservoirs, and pumping and handling equipment of any size containing soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
20. Equipment used to mix and package soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized.	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
21. Drop hammers or hydraulic presses for forging or metal working.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

**FORM OP - C01 CONTINUED**

22.	Equipment used exclusively to slaughter animals, but not including other equipment at slaughterhouses, such as rendering cookers, boilers, heating plants, incinerators, and electrical power generating equipment.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
23.	Vents from continuous emissions monitoring and other analyzers.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
24.	Hand-held applicator equipment for hot melt adhesives with no VOC in the adhesive formula.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
25.	Equipment used for surface coating, painting, dipping or spraying operations, except those that will emit a VOC or HAP.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
26.	Batch loading and unloading of solid phase catalysts.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
27.	CO <sub>2</sub> lasers, used only on metals and other materials which do not emit a HAP in the process.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
28.	Paper trimmers/binders.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
29.	Electric or steam-heated drying ovens and autoclaves, but not the emissions from the articles or substances being processed in the ovens or autoclaves or the boilers delivering the steam.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
30.	Salt baths using nonvolatile salts that do not result in emissions of any regulated air pollutant.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
31.	Laser trimmers using dust collection to prevent fugitive emissions.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
32.	Bench-scale laboratory equipment used for physical or chemical analysis, but not emissions from lab fume hoods or vents.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
33.	Routine calibration and maintenance of laboratory equipment or other analytical instruments.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
34.	Equipment used for quality control/assurance or inspection purposes, including sampling equipment used to withdraw materials for analysis.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
	Hydraulic and hydrostatic testing equipment.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
36.	Environmental chambers not using a hazardous air pollutant (HAP).	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
37.	Shock chambers.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
38.	Humidity chambers.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
39.	Solar simulators.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
40.	Fugitive emissions related to movement of passenger vehicles, provided these activities are incidental to the source's primary business activity.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
41.	Process water filtration systems and demineralization.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
42.	Demineralized water tanks and demineralizer vents.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
43.	Boiler water treatment operations, not including cooling towers.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
44.	Oxygen scavenging (de-aeration) of water.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
45.	Fire suppression systems.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
46.	Emergency road flares.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
47.	Steam vents and safety relief valves.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
48.	Steam leaks.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
49.	Steam cleaning operations.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
50.	Steam sterilizers.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
51.	Individual valves, flanges, pump seals, and pressure relief valves which have the potential for leaks, provided they are not subject to NSPS (40 CFR Part 60) or NESHAP (40 CFR Part 61 or 63) requirements.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No



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Are any of the following emission units at the source considered insignificant activities because of their size or production rate? If yes, identify the emission units in the "List of Insignificant Activities," Form OP - C03 and provide the requested information.

1. Combustion Equipment ☒ Yes ☐ No
- a) Any combustion equipment using exclusively natural or liquefied petroleum gas or any combination of these, with a capacity of less than 10,000,000 BTU/hour heat input, provided that:
- i) The equipment emits only combustion products; and
  - ii) produces less than 150 pounds per day of any air contaminant.
- b) Any combustion equipment with a capacity of less than 1,000,000 BTU/hour heat input provided that:
- i) The equipment emits only combustion products; and
  - ii) produces less than 150 pounds per day of any air contaminant.
2. Office And Commercial Buildings ☒ Yes ☐ No
- Office and commercial buildings, where emissions result solely from space heating by natural or liquefied petroleum gas of less than 20,000,000 BTU/hour heat input, excluding incinerators operated in conjunction with these sources.
- Grain Handling, Storage and Drying Facility ☐ Yes ☒ No
- Any grain handling, storage and drying facility which:
- a) Is in noncommercial use only, used only to handle, dry or store grain produced by the owner and provided that:
- i) Total storage capacity does not exceed 750,000 bushels;
  - ii) Grain handling capacity does not exceed 4,000 bushels per hour; and
  - iii) The facility is located at least 500 feet from any recreational area, residence or business not occupied or used solely by the owner.
- b) Is in solely commercial use, and -
- i) has total storage capacity less than or equal to 190,000 bushels (bu), and
  - ii) is located at least one-half (1/2) mile from any recreational area, residence or other structure not occupied or used solely by the owner or operator of the facility or the owner of the property upon which the facility is located.
4. Sand and gravel operations that have a maximum capacity to produce 17.5 tons of product per hour and use only natural gas as fuel when drying. ☐ Yes ☒ No